

Converting Colors

Yxy(54.2581, 0.3065, 0.2417)

Have a look what the booklet for
Yxy(54.2581, 0.3065, 0.2417)
contains.

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Color

Yxy(54.1025, 0.3063, 0.2413)

Conversions

Conversions Part 1

Format	Color
Hex	F2A8FF
RGB	242, 168, 255
RGB Percent	95%, 66%, 100%
CMY	0.0509, 0.3412, 0.0000
CMYK	0.05, 0.34, 0.00, 0.00
HSL	291°, 100%, 83%
HSV	291°, 34%, 100%
XYZ	68.6763, 54.1025, 101.4338
YIQ	200.0440, 16.1770, 42.7450

Conversions

Conversions Part 2

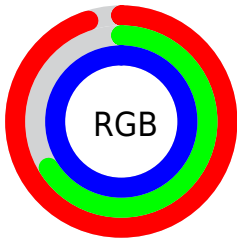
Format	Color
R _Y B	242, 168, 255
Decimal	15902975
CIE Lab	78.52, 41.25, -32.36
CIE LCh	79, 52.429, 321.883
Yxy	54.1025, 0.3063, 0.2413
Android (android.graphics.Color)	4294093055 (0xFFFF2A8FF)
YUV	200.0440, 27.0933, 36.7954
Hunter-Lab	73.5544, 37.9418, -30.2747

Details

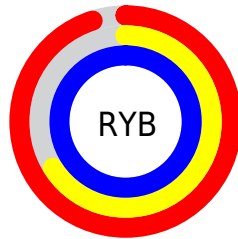
The Yxy color **54.1025, 0.3063, 0.2413** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **84.1673, 0.3156, 0.4293**, and the grayscale version is **57.6116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7913, 0.3141, 0.2989**, and **26.6530, 0.3037, 0.2228** is the 20% darker color. If you saturate the color by 10%, you get **44.9287, 0.3035, 0.2160**, and if you desaturate by 10%, it is **65.1404, 0.3087, 0.2675**.

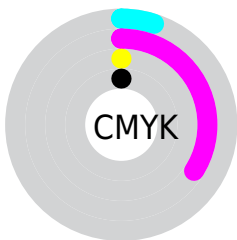
Distribution



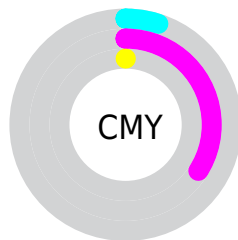
- Red (95%)
- Green (66%)
- Blue (100%)



- Red (95%)
- Yellow (66%)
- Blue (100%)



- Cyan (5%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1025, 0.3063, 0.2413 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 54.1025, 0.3063, 0.2413 by changing the saturation by 10% instead.


 54.1025, 0.3063,
0.2413


 54.1025, 0.3063,
0.2413

402.5008, 0.3105,
0.2807

 38.6836, 0.3050,
0.2326


 96.2247, 0.3080,
0.2547

 26.5137, 0.3034,
0.2221


 123.6969, 0.3086,
0.2600

 17.2083, 0.3010,
0.2091


155.9555, 0.3091,
0.2646

 10.3831, 0.2975,
0.1927

193.3851, 0.3095,
0.2686

 5.6537, 0.2922,
0.1714

236.3701, 0.3098,
0.2722

 2.6357, 0.2835,
0.1431

285.2947, 0.3101,

 0.9446, 0.2676,

0.2753

0.1048

340.5435, 0.3103,
0.2782

■ 0.0000, 0.2486,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1025, 0.3063,
0.2413

■ 54.1025, 0.3063,
0.2413

■ 44.9287, 0.3035,
0.2160

■ 65.1404, 0.3087,
0.2675

■ 37.5042, 0.3003,
0.1926

■ 78.1359, 0.3106,
0.2936

■ 31.7115, 0.2967,
0.1721

■ 93.1835, 0.3122,
0.3189

■ 27.4156, 0.2929,
0.1556

100.0000, 0.3127,
0.3290

■ 24.4600, 0.2890,
0.1435

■ 22.6529, 0.2850,
0.1360

■ 21.9664, 0.2827,
0.1331

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.1025, 0.2443, 0.2233



54.1025, 0.3063, 0.2413



54.1025, 0.3777, 0.2773

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.1025, 0.3063, 0.2413



54.1025, 0.4273, 0.4259



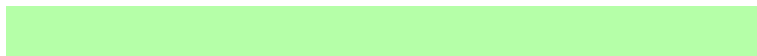
54.1025, 0.2042, 0.3146

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54.1025, 0.3063, 0.2413



84.1673, 0.3156, 0.4293

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.1025, 0.2449, 0.3878



54.1025, 0.3063, 0.2413



54.1025, 0.3735, 0.4554

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.1025, 0.3063, 0.2413



54.1025, 0.4513, 0.3775



54.1025, 0.3066, 0.4444



54.1025, 0.1909, 0.2575

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



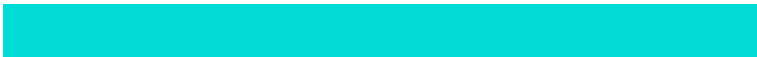
54.1025, 0.3063, 0.2413



54.1025, 0.4183, 0.3083



54.1025, 0.3066, 0.4444



54.1025, 0.2148, 0.3385

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54.1046, 0.3063, 0.2413



84.0815, 0.3113, 0.3042



48.6105, 0.2528, 0.2423



17.5543, 0.3111, 0.3006



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.1046, 0.3063, 0.2413



47.5980, 0.3044, 0.2237



54.6749, 0.3417, 0.2716



18.1550, 0.3114, 0.3054



11.5300, 0.2834, 0.1335



1.1583, 0.2879, 0.1360

Inverse Universe

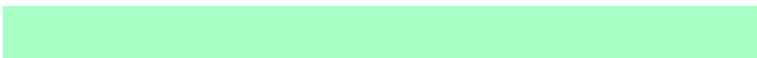
The Inverse Universe completely reimagines the original color for something new.



52.5983, 0.3814, 0.3156



45.9714, 0.4023, 0.3129



83.9421, 0.2922, 0.3946



18.0312, 0.3271, 0.3255



11.1952, 0.6200, 0.3189



1.1025, 0.5931, 0.3041

Previews

White Background



This preview shows how the Yxy color 54.1025, 0.3063, 0.2413 looks on a white background.

Color Contrast Check

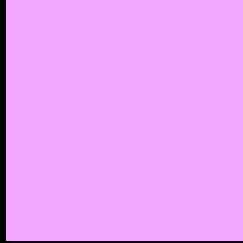
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 54.1025, 0.3063, 0.2413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

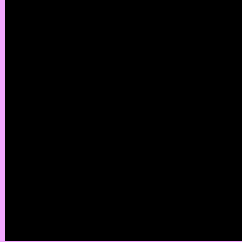
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1025, 0.3063, 0.2413

Background



This preview shows how black text looks on a background with the Yxy color 54.1025, 0.3063, 0.2413.



This preview shows how white text looks on a background with the Yxy color 54.1025, 0.3063, 0.2413.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

54.1025, 0.3063, 0.2413

Protanopia

54.7070, 0.2604, 0.2578

Deuteranopia

54.4170, 0.2670, 0.2603



Tritanopia

53.8612, 0.3473, 0.3135

Trichromacy



Original Color

54.1025, 0.3063, 0.2413



Protanomaly

53.9185, 0.2756, 0.2507



Deuteranomaly

53.8744, 0.2803, 0.2530

Tritanomaly

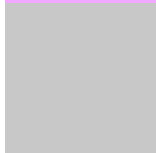
53.8414, 0.3318, 0.2858

Monochromacy



Original Color

54.1025, 0.3063, 0.2413



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

55.5808, 0.3104, 0.2928

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1025, 0.3063, 0.2413 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(242, 168, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 168, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(242, 168, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 168, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.1025, 0.3063, 0.2413 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(242, 168, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(242, 168, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(242, 168, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 168, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 168, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 168,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1025, 0.3063, 0.2413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 168, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(242,  
168, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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